PTO/SB/08a (08-03)

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Sheet 1 of 1

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Complete if Known				
Application Number	10/642,446			
Filing Date	08/15/2003			
First Named Inventor	YOSHIDA, Kenichi			
Art Unit	3753 3752			
Examiner Name	TBA			
Attorney Docket Number	032405.0601			

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No.	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Releva Passages or Relevani Figures Appear	
501-		US- 3,786,869	01-22-1974	MCLOUGHLIN	riques Appear	
		US- 4,189,005	02-19-1980	MCLOUGHLIN		
		US- 4,611,290	09-09-1988	HENNINGSEN ET AL.		
\perp		US- 5, 109,534	04-28-1992	NAITO ET AL.		
$\perp \perp$		US- 5,221,189	06-22-1993	HENNINGSEN		
V		US- 6,009,953	01-04-2000	LASKARIS ET AL.		
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FOREIGN PATENT DOCUMENTS						
	Cite	Foreign Patent Document Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines,		
	No.1		Date	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	r⁵
70Z		JP 5-231172	09-07-1993			
ì		JP 8-252339	10-01-1996		 	
		JP 9-154974	06-17-1997	TOHATSU CORP		7
		JP 10-15105	01-20-1998			
						
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Examiner Signature	mals	Date Considered	1/24/05	

*EXAMINER: tritial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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